



SUPPLEMENT

Relationship between age and vas appetite score among patients with post-tuberculosis lung disease at Persahabatan National Respiratory Referral Hospital, Jakarta

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Abstract

Background: Post-tuberculosis lung disease (PTLD) is a form of progressive lung tissue damage following tuberculosis (TB) infection. In addition to clinical symptoms, patients with PTLD often experience nutritional problems. Appetite plays a crucial role in determining adequate nutrient intake, which can affect nutritional status, the recovery process, and overall quality of life. One factor that may influence appetite is age. Although age is known to affect appetite, the relationship between the two has not been studied, particularly in patients with PTLD at Persahabatan Hospital, National Respiratory Centre.

Objective: To determine the relationship between age and appetite VAS appetite in patients with post-tuberculosis lung disease at Persahabatan National Respiratory Referral Hospital, Jakarta.

Methods: The study used a cross-sectional design. A total of 85 outpatients at Persahabatan Hospital were diagnosed with PTLD and selected based on medical record. Appetite was assessed using the Visual Analog Scale (VAS) for Appetite, and age were obtained from medical records. Correlations were analyzed using Spearman's test with the (SPSS) version 27.

Results: Among the 85 subjects, 78.8% were male, ranging in age from 33 to 84 years. The median VAS score for appetite was 70 mm. the study found a statistically significant negative correlation was observed between age and VAS appetite. ($p = 0.011$).

Conclusion: There was a significant negative correlation between age and appetite in patients with PTLD, it can be concluded that appetite decreases as age increases. In this regard, older adults constitute a population that requires special consideration for managing PTLD, particularly for nutritional assessment.

Keywords: aging, appetite, lung damage, malnutrition, tuberculosis

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